

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 7

**Complete if Known**

Application Number	10/573,131
Filing Date	April 18, 2006
First Named Inventor	Darrel W. Stafford
Group Art Unit	1634
Examiner Name	J. Silton
Attorney Docket Number	5470-401

**U.S. PATENTS AND PATENT PUBLICATIONS**

Examiner Initials*	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Number	Kind Code (if known)		
JP	1.	4,736,866		Leder et al.	4/12/1998
	2.	4,816,397		Boss et al.	3/28/1989
	3.	4,816,567		Cabilly et al.	3/28/1989
	4.	5,547,835		Koster et al.	8/20/1996
	5.	5,583,278		Alt. et al.	12/10/1998
	6.	5,625,122		Mak	4/29/1997
	7.	5,698,785		Mak	12/28/1997
	8.	5,750,825		Yazaki et al.	5/12/1998
	9.	6,043,031		Koster et al.	3/28/2000
	10.	6,492,115		Gulda et al.	12/10/2002
	11.	US 2005/0164367		Fenge et al.	7/28/2005
	12.	US 2006/0166239		Chen et al.	7/27/2006
	13.	US 2006/0194284		Oldenburg et al. SCHEIFLINGER	8/31/2006
	14.	US 2007/0009950		Stafford et al. ET AL.	1/11/2007

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No.	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Translation
		Office	Number	Kind Code (if known)			
JP	15.	DE	406 26 040		Becker et al.	1/4/1998	No
	16.	EP	0 368 684	B1	Medical Research Council	5/16/1990	
	17.	EP	0 127 839	B1	Texas A & M University System	12/12/1984	
	18.	EP	0 154 133	B1	Genentech, Inc.	9/11/1985	
	19.	EP	0 549 721	B1	The Texas A & M University System	7/07/1993	
	20.	PCT	WO 88/01649		Genex Corporation	3/10/1988	
	21.	PCT	WO 93/06213		Medical Research Council	4/01/1993	
	22.	PCT	WO 95/34679		The Gov't of the United States	12/21/1995	
	23.	PCT	WO 97/49802		Becker et al.	12/31/1997	Abstract only
	24.	PCT	WO 98/24884		Genpharm International	6/11/1998	
	25.	PCT	WO 99/43003		Micron Technology, Inc.	8/26/1999	
	26.	PCT	WO 00/03015		Incyte Pharmaceuticals	1/20/2000	
	27.	PCT	WO 2005/030039		Stafford et al.	4/07/2005	
	28.	PCT	WO 2006/044686		Rieder et al.	4/27/2006	
	29.	PCT	WO 2006/101474		Stafford et al.	9/28/2006	

**OTHER NON PATENT DOCUMENTS**

Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T
JP	30.	Altschul et al. "Gapped BLAST and PSI-BLAST: a new generation of protein database search programs" <i>Nucleic Acids Research</i> 25(17):3389-3402 (1997)	
	31.	Bandyopadhyay et al. "γ-Glutamyl carboxylation: An extracellular posttranslational modification that antedates the divergence of mollusks, arthropods, and chordates" <i>PNAS</i> 99(3):1264-1269 (2002)	
	32.	Bell et al. "Warfarin and the inhibition of vitamin K activity by an oxide metabolite" <i>Nature</i> 237:32-33 (1972)	
	33.	Berkner et al. "The Vitamin K-Dependent Carboxylase" <i>J. Nutr.</i> 130:1877-1880 (2000)	
	34.	Blann et al. "Racial background is a determinant of average warfarin dose required to maintain the INR between 2.0 and 3.0" <i>Br J Haematol.</i> 107(1):207-209 (1999)	

Examiner Signature	Jehanne Sitt	Date Considered	5/22/07
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute form 1449A/PTO		<b>Complete if Known</b>	
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		Filing Date	April 18, 2006
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		Group Art Unit	1634
		Examiner Name	J. Sitton
Sheet	1 of 1	Attorney Docket Number	5470-401

U.S. PATENTS AND PATENT PUBLICATIONS					
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/JS/	1.	US 2007/0190614		Stafford et al.	8-16-04/13/2007

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OTHER NON PATENT DOCUMENTS			
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/JS/	2.	Clark et al. "The Secreted Protein Discovery Initiative (SPDI), a large scale effort to identify novel human secreted and transmembrane proteins: a bioinformatic assessment" <i>Genome Res.</i> 13:2265-2270 (2003)	
	3.	Copy of specification of application 11/787,072 filed April 13, 2007, entitled "Methods and Compositions for Producing Vitamin K Dependent Proteins"	
	4.	Copy of specification of application 11/643,563 filed December 21, 2006, entitled "Method of Producing Biologically Active Vitamin K Dependent Proteins by Recombinant Methods"	
	5.	GenBank Accession No. BC000828, Homo sapiens vitamin K epoxide reductase complex, CDNA clone IMAGE:3455200, August 11, 2006	
	6.	GenBank Accession No. BC000828, Homo sapiens vitamin K epoxide reductase complex, CDNA clone IMAGE:3455200, September 1, 2006	
	7.	GenBank Accession No. BC002911, Homo sapiens vitamin K epoxide reductase complex, clone MGC:11276, July 15, 2006	
	8.	GenBank Accession No. BC002911, Homo sapiens, clone MGC:11276, July 12, 2001	
	9.	GenBank Accession No. BC027734, Homo sapiens vitamin K epoxide reductase complex, clone MGC:29720, July 15, 2006	
	10.	GenBank Accession No. NG_005631, Homo sapiens vitamin K epoxide reductase complex, LOC441241, August 5, 2006	
	11.	GenBank Accession No. NM_178600, Mus musculus vitamin K epoxide reductase complex, Vkorc1, August 6, 2006	
	12.	GenBank Accession No. NM024006.1, Homo sapiens hypothetical protein, IMAGE 3455200, October 5, 2003	
	13.	GenBank Accession No. NM024006, Homo sapiens vitamin K epoxide reductase complex, VKORC1, August 13, 2006	
	14.	GenBank Accession No. NM203335, Rattus norvegicus vitamin K epoxide reductase complex, Vkorc1, January 15, 2006	
	15.	GenBank Accession No. NM206807.1, Gallus gallus vitamin K epoxide reductase complex, VKORC1, June 25, 2006	
	16.	GenBank Accession No. NM206824.1, Homo sapiens vitamin K epoxide reductase complex, VKORC1, August 13, 2006	

Examiner Signature	/Jehanne Sitton/	Date Considered	06/19/2008
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